Bill No:- I st and Final

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. Job code :- 011-19-600091 638107

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency... Sri nagaar Lokanadha Reddy.....

Date of commencement of work..... 14 / 11 / 2022 .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Maintenance of UGD lines in Ramachandrapura areas in ward no -11 Kuvempunagara H/A :- P3295 14th Finance commission works - UGD works AS No :- EE/project/ynrk zone/AS no/100/2018-19 Dtd: 06/3/19 W.O No :- EE/project/ynrk zone/WO/100/2018-19 Dtd: 06/3/2019 Item No 1:- Dismantling of cement Concrete pavement by mechanical means using prematic tools, breaking cbeads in to pieces complete as per Specification.						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	For Sanitary lines	1 ×	15.00 ×	0.80 ×	0.30 =	3.60	
		1 ×	15.00 ×	0.80 ×	0.30 =	3.60	
		1 ×	2.00 ×	0.80 ×	0.30 =	0.48	
		1 ×	15.00 ×	0.80 ×	0.30 =	3.60	
		1 ×	15.00 ×	0.80 ×	0.30 =	3.60	
		1 ×	4.50 ×	0.80 ×	0.30 =	1.08	
		1 ×	15.00 ×	0.80 ×	0.30 =	3.60	
		1 ×	1.35 ×	0.80 ×	0.30 =	0.32	
						19.88 cum	

C & FC
Examined
A.E.E. (Project) 16/11/22

16/11/2022

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

638108

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item no 2 :- Earth work excavation for foundation of buildings, water Supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil						
	For Sanitary line	1	15.00	0.80	1.50	18.00	
		1	15.00	0.80	1.50	18.00	
		1	2.00	0.80	1.50	2.40	
		1	15.00	0.80	1.50	18.00	
	manholes	3	3.14	1.68	1.68	11.96	
						68.36 cum	

Chief Accounts 18/11/2022

A.E.E. (Project)

18/11/2022

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 3:- Excavation in soft rock without blasting for foundation of buildings water Supply, Sanitary lines complete al per specification.	1.5m and above in width					
		1 X	15.00	X 0.80	X 1.50 =	18.00	
		1 X	4.50	X 0.80	X 1.50 =	5.40	
		1 X	15.00	X 0.80	X 1.50 =	18.00	
		1 X	1.35	X 0.80	X 1.50 =	1.62	
						43.02 Cum	

C & FC
Examined
A.E.E. (Project)
18/11/22

18/11/22

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

638109

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No :4:- providing and laying in position plain cement concrete of mix 1:4:8 (as per design) complete as per Specification for sanitary lines						
		1	15.00			= 15.00	
		1	15.00			= 15.00	
		1	2.00			= 2.00	
		1	15.00			= 15.00	
		1	15.00			= 15.00	
		1	4.50			= 4.50	
		1	15.00			= 15.00	
		1	1.35			= 1.35	
						Total 82.85 Rmtr	

C&PC
Karundevi
18/11/22
A.E.E. (Project)

18/11/22

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No : 5 :- providing and laying in position to required level or slope 300mm internal diameter salt glazed stoneware pipes grade A complete of per specification.						
	For Sanitary lines	1 X	15.00	=		15.00	
		1 X	15.00	=		15.00	
		1 X	2.00	=		2.00	
		1 X	15.00	=		15.00	
		1 X	15.00	=		15.00	
				Total		62.00 Rmtr	

C&R
Kumudra
A.E.E. (Project)

Item No 6 :- providing and laying in position to required level or slope & 30 m.m internal diameter Salt & glazed Stone ware pipe Complete al per Specification

19/11

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

638110

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for sanitary lines	1X	4.50		=	4.50	
	C&FC	1X	15.00		=	15.00	
	Foundry	1X	1.35		=	1.35	
				Total		20.85 Rmts	

19/11/22

Ass A.E.E. (Project)
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Bill No :- 1st and Final Bill

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. Job No :- 011-19-000891 638136

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Sri Nagoor Lokanandha Reddy

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Maintenance By UGD lines in Ramachandra pura areas in ward No-11 Kuvempunagara						
	H/A :- P.3295 12th Finance Commission works - UGD Works						
	AS No :- EE(project)/yNKzone / AS 100/2018-19 dt 06-03-2019						
	WO No :- EE(project)/yNKzone / WO# 100/ 2018-19 dt 06-03-2019						
	Item No :- Dismantling of Cement Concrete pavement by mechanical means using						
	complete as per Specification						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide this MB of pg no - 638108 → @ 1000.00/cum					19.88 cum →	19880.00
	Item no 2 :- Earth work Excavation for foundation of buildings, water supply sanitary lines complete as per specification qty vide this MB of pg no - 638108 → @ 499.00/cum					68.36 cum →	34114.00
	Item no 3 :- Excavation 1.5m and above in width soft rock without blasting complete as per specification						

18/12/2022

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

638137

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide this MB @ PB no - 638109 @ 1581.00				→	43.02 cum →	68015.00
	Item no 4 :- providing and laying in position plain cement concrete of mix 1:4:8 (as per design) complete as per specification						
	Qty vide this MB @ PB. NO-638 @ 1459.00					→ 82.85 cum	
	Qty upto 125%					82.85 cum →	120878.00

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item no 5:- providing and laying in position to required level of Slope 300 mm internal dia Salt glazed Stone ware pipe complete as per Specification. Qty vide this MBG p.g no. 638110 → 62.00 Rmtr @ 702.00/Rmtr Qty upto 125% → 62.00 → 43524.00						
	Item no 6:- providing and laying in position to required level or Slope 230mm internal dia Salt glazed Stone ware Pipe complete as per Specification.						

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

638138

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide Jm's MB Pg no - 638 110 @ 596.00 / Rmtr				→	20.85 Rmtr →	12427.00
	Item No 7:- Constructing brick madonry circular type manhole 1.22m internal dia at bottom 1.68m deep and 0.56m dia at top complete as per specification C&RC Kundvl 18/12	3 Nos				→ 3 Nos →	97881.00
		(3)	32627.00				

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

18/12/2022

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item no 8:- Refilling available earth around pipe lines Cables in layers not exceeding 20cm in depth, compacting each deposited layer by manual means complete as per Specification						
		1	15.00	0.80	1.50	18.00	
		1	15.00	0.80	1.50	18.00	
		1	2.00	0.80	1.50	2.40	
		1	15.00	0.80	1.50	18.00	
		1	15.00	0.80	1.50	18.00	
		1	4.50	0.80	1.50	5.40	
		1	15.00	0.80	1.50	18.00	
						97.80	

C&PC
Kamudvs
A.E.E. (Project)

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

638139

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 X 1·35 X	0·80	X 1·50	=	1·62	
				Total	=	99·42	
	Consider 70% of the total qty				=	69·59 Cum	
	@ 134·00					→ 9326·00	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

18/12/2022

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 9 :- providing and laying in position plain cement concrete of mix 1:4:8 with Opc cement complete as per Specification						
		1	15.00	$\frac{2.3+3.7}{2}$	0.15	= 6.75	
		1	15.00	$\frac{3.7+3.8}{2}$	0.15	= 8.44	
		1	2.00	$\frac{3.8+3.8}{2}$	0.15	= 1.14	
		1	15.00	0.80	0.15	= 1.80	
		1	15.00	0.80	0.15	= 1.80	
		1	4.50	0.80	0.15	= 0.54	
						20.47	

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

638140

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 X 15.00 X	0.80	X 0.15	=	1.80	
		1 X 1.35 X	0.80	X 0.15	=	0.16	
						22.43 Cum	
	@ 5677.00 / cum						
	Qty upto 125%				→	21.76 =	123545.71
	Qty above 125%				→	0.67 =	3789.40

123531

C&Pe

Krundvelli 18/12/22

18/12/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item no 10 :- Cement Concrete pavement construction un-reinforced plain cement Concrete pavement complete as per Specifications						
		1	15.00	$\frac{(2.3+3.7)}{2}$	0.15	6.75	
		1	15.00	$\frac{(3.7+3.8)}{2}$	0.15	8.44	
		2	15.00	$\frac{(3.8+3.8)}{2}$	0.15	1.14	
		1	25.00	0.80	0.15	1.80	
		1	15.00	0.80	0.15	1.80	
		1	4.50	0.80	0.15	0.54	
						28.47	

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Project Division
Yelahanka Zone
BBMP, Bangalore

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

638141

erial No. .....

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency.....

ate of commencement of work.....

ate	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Formwork 19/12 Engineer	1 X 15.00 X 0.80 X 0.15 =			CF	20.47	
		1 X 1.35 X 0.80 X 0.15 =				1.80	
						0.16	
	Asst. Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore - 92			Total		22.43 Cum	
		@ 5470.00 / cum					119027.00
	Qty upto 125%				—	21.76 cum =	119040.88
	Qty above 125%				—	0.67 cum =	3651.23
							3665.00

19/12/2022

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item no 12:- providing cast iron foot rest and fixing in manhole with 1:3:6 cement concrete block complete as per Specification						
		3x3	@	262.00	=	9.00 nos →	2358.00
	Item no 11:- vaccum de-watering with vaccum pump and suction mat and compaction with Skin floater complete as per Specification						

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

19/12/2022

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

638142

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 X 15.00	X (2.3 + 3.7)/2		=	45.00	
		1 X 15.00	X (3.7 + 3.8)/2		=	56.25	
		1 X 2.00	X (3.8 + 3.8)/2		=	7.60	
		1 X 15.00	X 0.80		=	12.00	
		1 X 15.00	X 0.80		=	12.00	
		1 X 4.50	X 0.80		=	3.60	
		1 X 15.00	X 0.80		=	12.00	
		1 X 1.35	X 0.80		=	1.08	
					Total	149.53 Sqm	

CRFC
Krundvej
19/12/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

19/12/2022

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ 75.00 / Sqm						
	Qty upto 125 %			→		145.01 →	10875.94
	Qty above 125 %			→		4.52 →	338.81
						Total Rs	669645.00
						GST at 12%	80357.00
						Total / Workorder limit Rs	750000.00

C & Fc

Kavadiya
A.E.E. (Project)
19/12/22

Note :- ① It is certified that above work done satisfactorily

② The above bill amount is not operated in any Bill

19/12/2022

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

638143

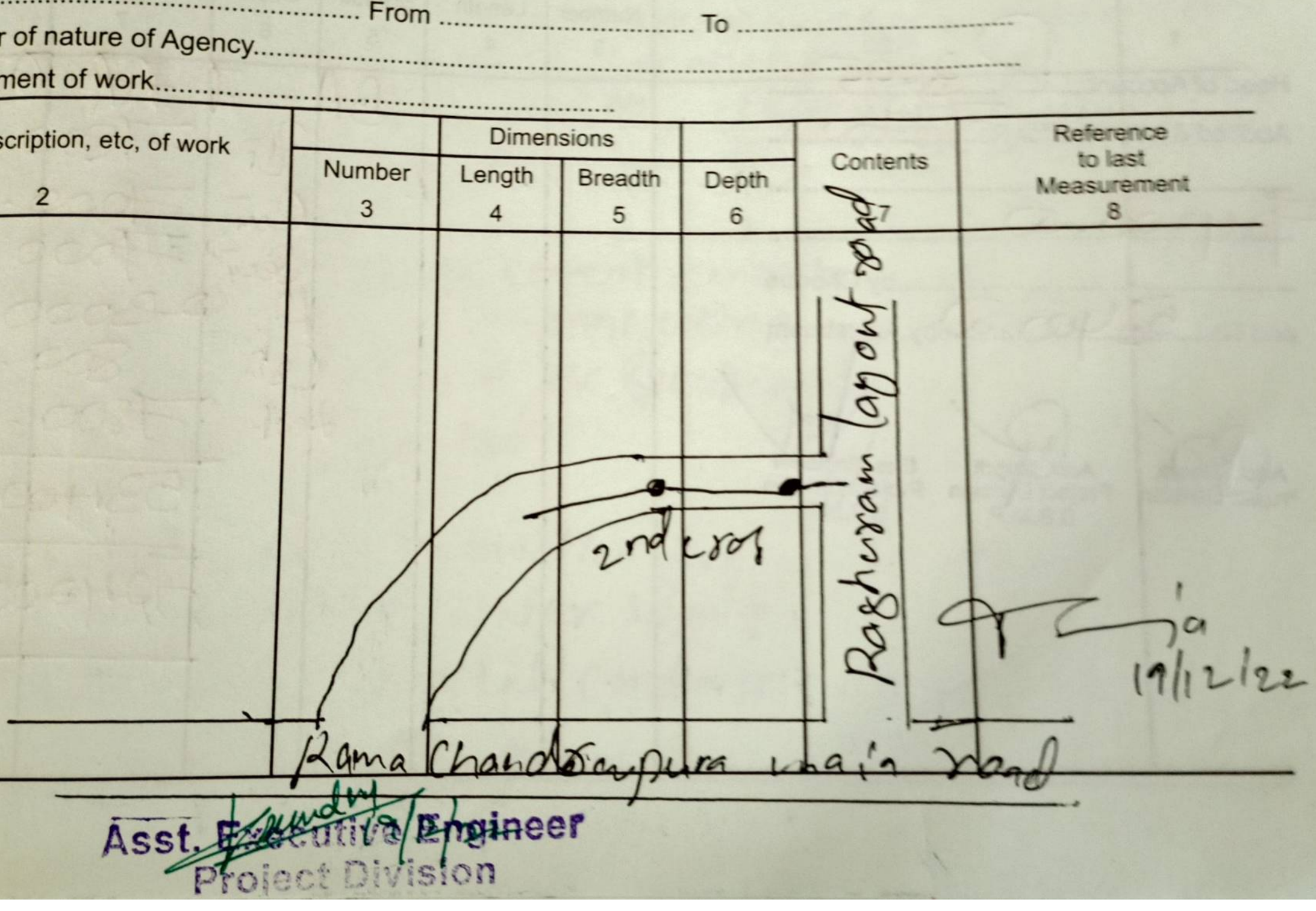
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
	2	3	4	5	6	7	8
						1 of 8 pad	



19/12/22

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Project Division

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Head of Account P 2295 77760			BA - 7		77	6.00 = 0
	Audited & admitted for Rs.						
	724200.00						
	by Cheque						
	and Rs. 53400.00 by Adjustment						

Acct. Clerk
Project Division

Acct. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P.